

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	10	(weight\$4 near2 (coefficient or parameter)) near6 based near4 (high-frequency or (high adj1 frequency))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 08:06
L3	14	(weight\$4 near2 (coefficient or parameter)) near9 based near7 (high-frequency or (high adj1 frequency))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 11:28
L4	2	("7130483").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/30 08:10
L5	2	("20020067862").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/30 08:22
L6	2	("20030185463").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/30 09:17
L7	2	("4729098").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/30 08:37
L8	2	("5930402").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/30 08:37

## EAST Search History

L9	0	("2005/0249437").URPN.	USPAT	OR	ON	2007/04/30 09:09
L10	2	("5038388").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/30 09:30
L11	2	("5327257").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/30 09:30
L12	34	("4193092"   "4712141").PN. OR ("5327257").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 09:30
L13	2	("5995653").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/30 11:28
L14	2	("4578812").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/30 15:04
L15	187	(high-pass or (high adj1 pass) or highpass) near2 (FIR or (finite adj1 impulse adj1 response))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/30 15:22
L16	2	("6144409").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/30 15:22

## EAST Search History

S1	9	US-4468693-\$.DID. OR US-5008752-\$.DID. OR US-5054100-\$.DID. OR US-5327257-\$.DID. OR US-5774601-\$.DID. OR US-5889895-\$.DID. OR US-5953465-\$.DID. OR US-6175659-\$.DID. OR US-6535651-\$.DID.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/30 14:11
S2	2756	382/276,277,293,298,299,300. ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/17 10:06
S3	1383	S2 and (interpolation or interpolate or interpolating or interpol\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/17 10:07
S4	219	S3 and ((two adj filters) or ((first adj filter) and (second adj filter)) or (sharp\$4 and smooth\$5) and weight\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/17 13:35
S5	30	S2 and polyphase	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/17 13:36
S6	18124	interpol\$5 and (((polyphase adj filters) or (two adj filters) or filters) and weight\$6 and combin\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/17 14:21
S7	922	S6 and (high adj frequency) and (FIR or (finite adj impulse adj response))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/17 15:42
S8	26	(first adj filter) and (second adj filter) and (interpolating or interpolation or interpolator or interpolate) and ((combine or combining or combination) with (weight or weighting))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/17 15:44
S9	2	("20040001234").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/20 07:35
S10	1	("2004/0001642").URPN.	USPAT	OR	ON	2006/11/20 07:46

## EAST Search History

S11	14	("4849914"   "5239390"   "5363209"   "5515452"   "5583659"   "5745596"   "5900953"   "6058214"   "6324305"   "6343154"   "6400844"   "6633670"   "6839152"   "6850651").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/20 08:00
S12	2	("6839152").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/20 08:00
S13	11	("4877310"   "5027078"   "5166810"   "5239390"   "5243444"   "5339170"   "5457754"   "5799112"   "6101285"   "6233060"   "6603877").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/20 08:05
S14	451	interpolating with using with filter	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/20 08:07
S15	537	interpolating with using with filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/20 15:02
S16	15574	combining with filters	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/20 15:02
S17	1388	S16 and (interpol\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/20 15:02
S18	2	("6839152").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/21 08:36

## EAST Search History

S19	2	("20040001234").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/21 08:41
S20	1712677	filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 08:41
S21	13340	FIR adj filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 08:41
S22	3808	S21 and interpol\$6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 08:43
S23	2844	S22 and (combin\$4 or blend\$5 or mix\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 09:40
S24	14	((("20040001234") or ("6701024") or ("6965406") or ("6795587") or ("6411305") or ("5323232") or ("6839152"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/21 09:41
S25	0	S24 and (high adj frequency adj level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 09:41
S26	4	S24 and (high adj frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 09:41

## EAST Search History

S27	7	S24 and (high adj frequencyadj component)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 09:42
S28	2	S24 and (high adj frequency adj component)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 09:53
S29	0	(interpolating adj using adj filters) with combining	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 09:54
S30	39	combining with (interpolat\$4 adj filters)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 10:04
S31	76	(two with filter with (interpolation or interpolating or interpolate)) with (combining or blending or adding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 10:18
S32	30	((interpolation adj filters) or (interpolation adj means)) with (combining or blending or adding)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 10:23
S33	5	("4768092"   "4985764"   "5093721"   "5708474"   "6330032").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 10:31
S34	0	("7136107").URPN.	USPAT	OR	ON	2006/11/21 10:31
S35	0	("7136107").URPN.	USPAT	OR	ON	2006/11/21 10:31
S36	0	("2006/0164555").URPN.	USPAT	OR	ON	2006/11/21 10:32
S37	6	("4875017"   "5220414"   "5491520"   "5621478"   "5790205"   "5848181").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 12:39
S38	4346	(adding with filter with output)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 12:41

## EAST Search History

S39	0	(interpolating with two with filters) with S38	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 12:40
S40	0	(interpolating with filters) with S38	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 12:40
S41	0	(interpolating with two adj filters) with S38	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 12:40
S42	10	(interpolating with two with filters) with S38	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 12:41
S43	46	(interpolating with filters) with S38	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/21 12:42
S44	5831	(adding with filter with output)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 12:41
S45	46	(interpolating with filters) with S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 12:42
S46	57	(interpolating with filters) with S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 12:42
S47	57	(interpolating with filters) with S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 13:32
S48	2	("6411305").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/21 14:12

## EAST Search History

S49	26	((("5257326") or ("6411305") or ("20040001234") or ("5327257") or ("5953465") or ("5774601") or ("20020094130") or ("20020015162") or ("6839152") or ("6795587") or ("6965406") or ("5323232") or ("6701024"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2006/11/21 14:15
S50	1	S49 and (polyphase and (one-dimensional) or (one adj dimensional) or (1-d)) and (FIR or (finite adj impulse adj response))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 14:23
S51	0	S49 and polyphase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 14:31
S52	2440	polyphase with filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 14:38
S53	3	((one adj dimensional) or (1-d)) with polyphase with (FIR or (finite adj impulse adj response))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 14:40
S54	2440	polyphase with filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 14:40
S55	362	(FIR or (finite adj impulse adj response)) with polyphase with filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 16:27
S56	48	(high-pass or (high adj pass) or HPF) adj (FIR or (finite adj impulse adj response)) adj filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2006/11/21 16:31



## EAST Search History

S57	9799	(coefficient or parameter or weight\$4) near6 (high near2 frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 15:15
S58	47790	(coefficient or parameter or weight\$4) same (high near2 frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 15:15
S59	57679	filter\$4 and interpolat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 15:16
S60	3205	S58 and S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 15:20
S61	2	("5257326").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/23 15:20
S62	12	("4868654"   "4879599"   "4912556"   "4979040").PN. OR ("5257326").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/23 15:24
S63	1982	(sharp\$6 with filter) and (smooth\$4 with filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 15:25

## EAST Search History

S64	328	S58 and S63	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/23 15:28
S65	2	("20040091174").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/23 15:28
S66	357	(FIR or finite-impulse-response or (finite adj1 impulse adj1 response)) near5 polyphase	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/24 08:07
S67	29	S66 same weight\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/24 08:07
S68	0	("2004/0091174").URPN.	USPAT	OR	ON	2007/04/24 08:23
S69	18	((("4468693") or ("5008752") or ("5054100") or ("5327257") or ("5774601") or ("5889895") or ("5953465") or ("6175659") or ("6535651")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/24 08:34
S70	223	weight\$4 adj1 (coefficient or parameter) same (high adj1 frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/24 08:34
S71	223	(weight\$4 adj1 (coefficient or parameter)) same (high adj1 frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/24 08:34

## EAST Search History

S72	2	("5257326").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/27 08:40
S73	12	("4868654"   "4879599"   "4912556"   "4979040").PN. OR ("5257326").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/27 09:02
S74	17585	weight\$4 same (high-frequency or (high adj1 frequency))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 09:04
S75	166	(interpolating or interpolate or interpolation or interpolated) same S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/27 09:40
S76	2	("20060178759").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/27 09:59
S77	8	((("20030185463") or ("7130483") or ("4729098") or ("5054100")). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/27 11:27
S78	18	((("4468693") or ("5008752") or ("5054100") or ("5327257") or ("5774601") or ("5889895") or ("5953465") or ("6175659") or ("6535651")).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/27 13:57

## EAST Search History

S79	2	("6411305").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/27 15:02
S80	2	("4578812").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/27 15:02